

PRELIMINARY AMENDMENT

Divisional of U.S. Application No. 09/809,259

Q77371

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1-6 (canceled).

7. (currently amended): A laminated sheet comprising ~~the a~~ scattering sheet ~~according to~~
~~according to any of claims 1 to 6~~ and two resin sheets, wherein the scattering sheet is sandwiched
by two resin sheets and wherein the scattering sheet is obtained by forming a scattering resin into
a sheet having a thickness of about 1 μm to about 100 μm , and having a total light transmittance
T satisfying expression (I):

$$\text{about } 85\% \leq T < \text{about } 100\% \quad (\text{I})$$

and a haze Hz satisfying expression (II):

$$\text{about } 50\% \leq \text{Hz} < \text{about } 90\% \quad (\text{II}),$$

wherein the scattering resin comprising a colorless transparent resin and colorless transparent
spherical particles dispersed in the colorless transparent resin, a refractive index $n(\text{R})$ of the
colorless transparent resin and a refractive index $n(\text{F})$ of the colorless transparent spherical
particles satisfy expression (III):

$$\text{about } 0.00 < n(\text{R}) - n(\text{F}) \leq \text{about } 0.05 \quad (\text{III}),$$

an average particle size ϕ of the colorless transparent spherical particles satisfies expression (IV):

$$\text{about } 2 \mu\text{m} \leq \phi \leq \text{about } 5 \mu\text{m} \quad (\text{IV}).$$

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and a content of the colorless transparent spherical particles is about 1 to about 100 parts by weight with respect to 100 parts by weight of the colorless transparent resin.

Claims 8-11 (canceled).

12. (currently amended): A laminated sheet comprising ~~the a~~ a scattering sheet ~~according to any of claims 1 to 6~~ and a reflective film or a transflective film, wherein the reflective film or the transflective film is laminated on the scattering sheet in layers and wherein the scattering sheet is obtained by forming a scattering resin into a sheet having a thickness of about 1 μm to about 100 μm , and having a total light transmittance T satisfying expression (I):

$$\text{about } 85\% \leq T < \text{about } 100\% \quad (\text{I})$$

and a haze Hz satisfying expression (II):

$$\text{about } 50\% \leq \text{Hz} < \text{about } 90\% \quad (\text{II}),$$

wherein the scattering resin comprising a colorless transparent resin and colorless transparent spherical particles dispersed in the colorless transparent resin, a refractive index $n(\text{R})$ of the colorless transparent resin and a refractive index $n(\text{F})$ of the colorless transparent spherical particles satisfy expression (III):

$$\text{about } 0.00 < n(\text{R}) - n(\text{F}) \leq \text{about } 0.05 \quad (\text{III}),$$

an average particle size ϕ of the colorless transparent spherical particles satisfies expression (IV):

$$\text{about } 2 \mu\text{m} \leq \phi \leq \text{about } 5 \mu\text{m} \quad (\text{IV}),$$

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and a content of the colorless transparent spherical particles is about 1 to about 100 parts by weight with respect to 100 parts by weight of the colorless transparent resin.

13. (original): A laminated sheet according to claim 12, wherein further a polarizing film is laminated thereon.

Claims 14-16 (canceled).

17. (original): A liquid crystal display device comprising a polarizing film laminated on the front of a liquid crystal cell, and the laminated sheet according to claim 13 laminated on the back of the liquid crystal cell.

18. (original): A liquid crystal display device according to claim 17, wherein a phase retardation film is laminated together with the polarizing film on the front of the liquid crystal cell.

19. (currently amended): A liquid crystal display device according to claim 17 ~~or 18~~, wherein a backlighting device is placed on the back of the laminated sheet laminated on the back of the liquid crystal cell.

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20. (currently amended): A liquid crystal display device according to claim 17 ~~or 18~~, wherein a phase retardation film is laminated together with the laminated sheet on the back of the liquid crystal cell.

21. (original): A liquid crystal display device according to claim 20, wherein a backlighting device is placed on the back of the laminated sheet laminated on the back of the liquid crystal cell.

22. (new): A laminated sheet according to claim 7, wherein in the scattering sheet the content of the colorless transparent spherical particles is about 1 to about 50 parts by weight with respect to 100 parts by weight of the colorless transparent resin.

23. (new): A laminated sheet according to claim 7, wherein in the scattering sheet the refractive index $n(R)$ of the colorless transparent resin satisfies expression (V):

$$\text{about } 1.40 < n(R) \leq \text{about } 1.50 \quad (V).$$

24. (new): A laminated sheet according to claim 7, wherein in the scattering sheet the colorless transparent resin is an acrylic pressure-sensitive adhesive.

25. (new): A laminated sheet according to claim 7, wherein in the scattering sheet the colorless transparent spherical particles are made of a silicone resin.

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26. (new): A laminated sheet according to claim 7, wherein the phase retardation value of the scattering sheet is about 30 nm or less.

27. (new): A laminated sheet according to claim 12, wherein in the scattering sheet the content of the colorless transparent spherical particles is about 1 to about 50 parts by weight with respect to 100 parts by weight of the colorless transparent resin.

28. (new): A laminated sheet according to claim 12, wherein in the scattering sheet the refractive index $n(R)$ of the colorless transparent resin satisfies expression (V):

$$\text{about } 1.40 < n(R) \leq \text{about } 1.50 \quad (V).$$

29. (new): A laminated sheet according to claim 12, wherein in the scattering sheet the colorless transparent resin is an acrylic pressure-sensitive adhesive.

30. (new): A laminated sheet according to claim 12, wherein in the scattering sheet the colorless transparent spherical particles are made of a silicone resin.

31. (new): A laminated sheet according to claim 12, wherein the phase retardation value of the scattering sheet is about 30 nm or less.

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32. (new): A liquid crystal display device according to claim 18, wherein a backlighting device is placed on the back of the laminated sheet laminated on the back of the liquid crystal cell.

33. (new): A liquid crystal display device according to claim 18, wherein a phase retardation film is laminated together with the laminated sheet on the back of the liquid crystal cell.

34. (new): A liquid crystal display device according to claim 33, wherein a backlighting device is placed on the back of the laminated sheet laminated on the back of the liquid crystal cell.